

**What is Claimed:**

1. A system for monitoring operation of a software application that executes on a processor, comprising:
  - 5 polling means, connected to said software application, for polling said software application to retrieve statistics data indicative of operation of said software application; and data repository means for storing said retrieved statistics data.
- 10 2. The system for monitoring operation of a software application of claim 1 further comprising: means for periodically activating said polling means.
- 15 3. The system for monitoring operation of a software application of claim 1 wherein said software application comprises a plurality of processes, said polling means comprises: means for determining which processes of said software application are presently executing within said software application.
- 20 4. The system for monitoring operation of a software application of claim 3 wherein said determining means comprises: means for retrieving statistics data directly from the process call stack of each of said processes.
- 25 5. The system for monitoring operation of a software application of claim 3 wherein said polling means comprises: means for monitoring all the processes embodied in the software application.
- 30 6. The system for monitoring operation of a software application of claim 1 wherein said software application comprises a plurality of processes, said data repository means comprises: means for storing statistics data from all of the processes presently executing within said software application.

7. The system for monitoring operation of a software application of claim 1 wherein said data repository means comprises:

means for storing said retrieved statistics data individually in the data repository to thereby enable the separate analysis of the statistics data.

8. A method for monitoring operation of a software application that executes on a processor, comprising:

polling said software application to retrieve statistics data indicative of operation of said software application; and

storing said retrieved statistics data in a data repository.

9. The method for monitoring operation of a software application of claim 8 further comprising:

periodically activating said polling means.

10. The method for monitoring operation of a software application of claim 8 wherein said software application comprises a plurality of processes, said step of polling comprises:

determining which processes of said software application are presently executing within said software application.

11. The method for monitoring operation of a software application of claim 10 wherein said step of determining comprises:

retrieving statistics data directly from the process call stack of each of said processes.

12. The method for monitoring operation of a software application of claim 10 wherein said step of polling comprises:

monitoring all the processes embodied in the software application.

13. The method for monitoring operation of a software application of claim 8 wherein said software application comprises a plurality of processes, said step of storing said statistics data in said data repository comprises:

storing statistics data from all of the processes presently executing within said software application.

14. The method for monitoring operation of a software application of  
5 claim 8 wherein said step of storing said statistics data in said data repository comprises:

storing said retrieved statistics data individually in the data repository to thereby enable the separate analysis of the statistics data.